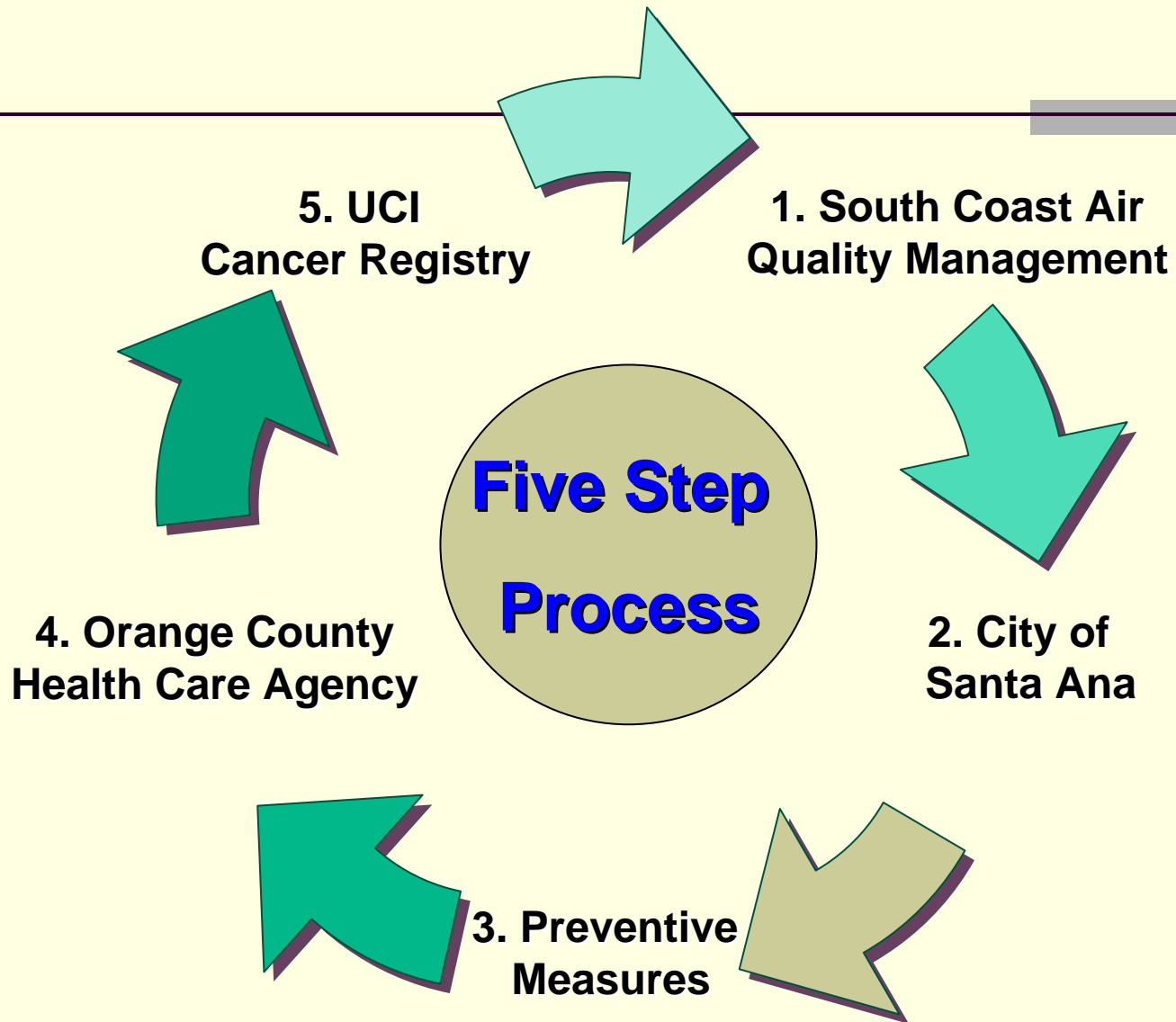

COMMUNITY ENVIRONMENTAL UPDATE

5:30 p.m. to 7:00 p.m.

Thursday, December 8, 2005



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Jill Whynot

Planning and Rules Manager

Two Sampling Efforts Undertaken

- Full air monitoring site located at Franklin Elementary school for 5 months
- Sampling for certain metals across the street from Kennedy Elementary School

Full Monitoring Station

- At Franklin Elementary from July 21 to present
- Collected over 44 samples (every 1 in 3 days)
- Measuring about 2 dozen gases and metals

Contaminants Monitored

- benzene
- 1,3-butadiene
- methylene chloride
- vinyl chloride
- carbon tetrachloride
- propylene dichloride
- formaldehyde
- perchloroethylene
- trichlorethylene
- arsenic
- beryllium
- lead
- cadmium
- chromium +6
- nickel
- manganese

Contaminants Monitored, cont.

- chloroform
- acetaldehyde
- total carbon
- organic carbon
- elemental carbon
- PM 2.5
- PM 10

Sampling Near Kennedy Elementary School

- Across the street from large metal plating facility
- Sampling started June 30,2005 and continued until November 11th
- Samples taken every 1 in 3 days for chromium, nickel and copper
- Preliminary data available for chromium
- Range and average are comparable to data from other areas in the Basin

Analysis in Progress

- Data so far shows nothing unusual
- Preliminary results available in early 2006

How to Contact SCAQMD

For information regarding air quality issues, please contact:

Jill Whynot

Planning and Rules Manager

(909) 396-3104

City of Santa Ana

**CODE ENFORCEMENT UNIT
MUNICIPAL CODE VIOLATIONS**

**Estella Rodarte
Senior Inspector**

What Code Enforcement Does

- Improve the quality of life for Santa Ana residents through fair enforcement of Municipal Code.
- Residential Enforcement
- Commercial Enforcement
- Proactive and Reactive Enforcement
- Neighborhood Association Liaison Program
- Collaborative Enforcement Efforts with other City Agencies – Public Works, Fire, Police, and other County, State and Federal Agencies.

Municipal Code Violations

Regularly reported code violations include:

- Substandard Conditions
- Improper Occupancy of Garage
- Lack of Landscape Maintenance
- Inoperative Vehicles
- Balcony Storage
- Illegal vendors
- Dangerous and Abandoned Structures
- Land Use and Zoning Violations

How to Contact Code Enforcement

For more information, please contact:

Estella Rodarte
Senior Inspector
(714) 667-2776

To report Municipal Code Violations,
please call the complaint line:
(714) 667-2780

SANTA ANA UNIFIED SCHOOL DISTRICT PREVENTIVE MEASURES

Ongoing Districtwide Preventive Measures

- Asbestos Program
- Indoor Air Quality
- Asthma and Allergy Survey

ASBESTOS PROGRAM

**Dennis Ziegler, Director
Building Services**

Districtwide

As required by law, the District has had outside consultants conduct inspections and repairs since 1987.

Franklin Elementary

April 3, 2001 –

Reinspection of Franklin Elementary
as mandated by the Asbestos Hazard
Emergency Response Act

- ✓ All necessary measures have been carried out

Franklin Elementary

November 16, 2005 –

The routine three-year reinspection was completed by The Reynolds Group Environmental Consultants, Inc.

Franklin Elementary

The asbestos evaluation has taken place and the site was found to be in satisfactory condition, posing no hazard to students or staff.

Indoor Air Quality

Ongoing Procedures:

- Scheduled Change of Air Filters
- Inspect/Service Air Conditioning Units
- Air Quality Testing: Use Independent Consultants

INDOOR AIR QUALITY TESTING RESULTS FRANKLIN ELEMENTARY SCHOOL

**Samantha Chua & Ben Kollmeyer
Forensic Analytical Specialties**

Presentation Agenda

- Background
- Mold Inspection
- Odor Inspection

Background

Parents, Teachers and Staff expressed the following concerns:

- Areas of water intrusion (water leaks and water staining) and potential mold growth
- Rotten-egg type odor –basement
- Unpleasant odor and eye and throat irritation complaints in Room 22– storage room in the basement

Water Intrusion and Mold Growth Inspection

- Inspection of every room on the school campus.

Including:

- Crawlspace below Rooms 2 & 4
 - Ceiling cavities in all portable classrooms
- Collection of air samples for airborne mold spores.

Mold Inspection Results

- Mold was found in:
 - Room 21
 - &
 - Room 23 (Teacher's Lounge)
- Mold was not found in the other 39 rooms.

Mold Growth Removal

- Removal was completed in early October in Rooms 21 & 23
- Removal completed by a professional mold remediation company

Odor Inspection

- Inspected complaint areas for potential odor sources
- Inspected ventilation systems

Odor Inspection Results

Three separate causes of the odors in the basement area were identified:

- Minor rooftop gas leak
- Dried drain trap
- Inadequate ventilation in storage room

Odor Inspection Results

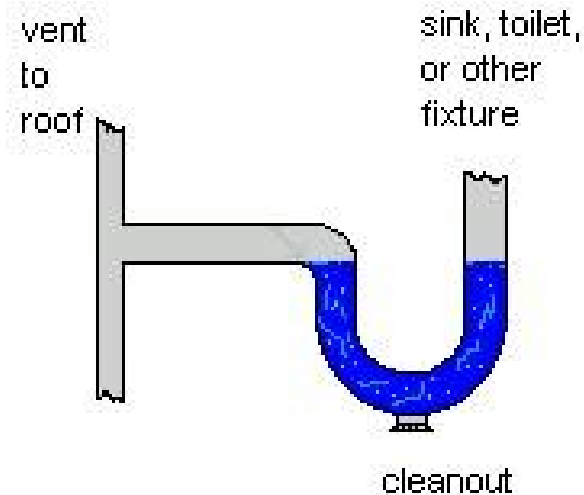
Gas Leak

- 9/15/05—Forensic Analytical inspector detected rotten-egg (natural gas) type odor in basement.
- 9/16/05—Gas company inspected school. Leak detected on roof near ventilation unit that supplies basement.
- 9/16/05—District maintenance personnel repaired gas leak on roof.

Odor Inspection Results

Sewer Odor

- A rotten egg (sewer gas) type odor was detected in the closet of a vacant classroom in the basement – formerly the RSP room.
- Rarely used floor drain in closet.
- Suspected that drain trap was dry.
- Solution: The school will keep drain trap filled.



Odor Inspection Results in Former Storage Room

- Complaints of:
 - Unpleasant odors
 - Eye and throat irritation
- Room was rarely used – primarily a storage room.
- Odors from:
 - Stored Books
 - Craft Supplies

Odor Inspection Results

Former Storage Room

- Room was rarely used, as a result, the ventilation system was rarely operated.
- Odors built-up and were trapped in room.
- Solution: Operate ventilation system in room 22 during school hours to reduce odor build-up.

How to Contact Forensic Analytical

For more information, please contact:

Samantha Chua

Project Manager

Environmental Services Division

(310) 763-2374

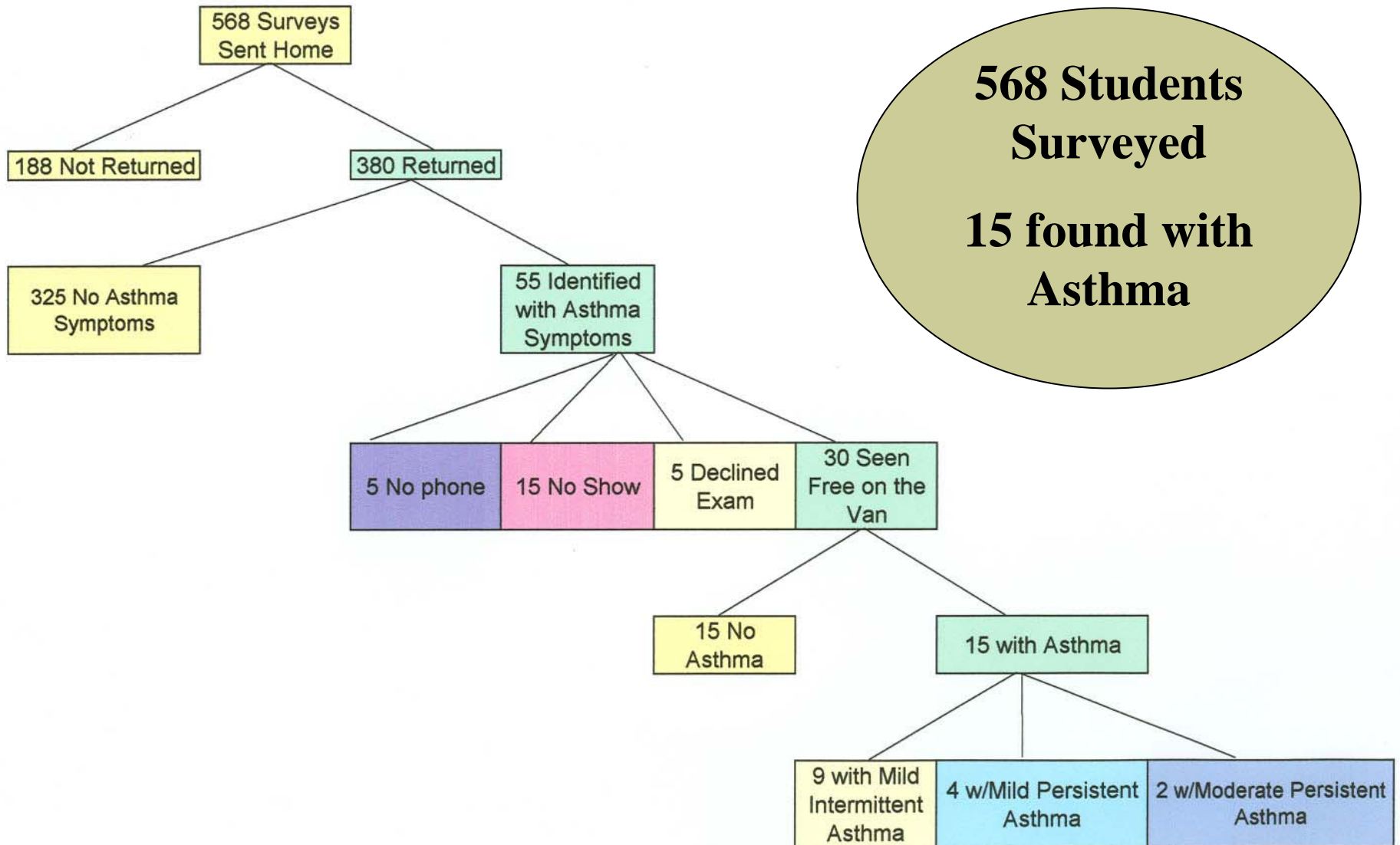
ASTHMA SURVEY FINDINGS

Gayle McLean
District Nurse

District Health Preventive Measures

- **Breathmobile: Asthma/Allergy Screening**
 - Sponsored by Children's Hospital of Orange County (CHOC)

Asthma Assessment



FACILITIES INSPECTIONS

Dennis Gallagher
Kitchell

Franklin Facilities Inspection

Inspection for:

- Necessary Repairs
- Emergency Repairs

Inspection Results:

- No Emergency Repairs
- 40 Minor repairs to be completed over the next five years

PHASE ONE ENVIRONMENTAL ASSESSMENT

Brian Villalobos
Petra Geotechnical, Inc.

What is a Phase 1 Environmental Assessment

- A Phase I assessment is conducted to determine if any Recognized Environmental Conditions (RECs) exist on the subject site.
- RECs are hazardous substance or petroleum products under conditions that indicate an existing, past, or material threat of release into the structures, ground, groundwater, or surface water at the site.
- Emphasis is placed upon identifying the potential presence of petroleum products, hazardous or otherwise toxic materials or waste on the subject site and adjacent properties.

Results

- No RECs were identified at Franklin Elementary School.
- Three historic sites were identified in the vicinity of the school as potential RECs:
 - 1. Former cleaners located at 1030-1032 S. Main Street
 - 2. Service station located at 1131 S. Main Street
 - 3. The Santa Ana Gas and Electric site located at 206-214 N. Sycamore Street.

Results

- No information was found that would indicated a release had occurred from these three facilities.

**ORANGE COUNTY
HEALTH CARE AGENCY (HCA)**

**Dr. Hildy Meyers, M.D., M.P.H.
Epidemiology & Assessment**

HCA Cancer Case Reporting

- Reviewed information provided by the Cancer Registry (CSPOC)
- Requested that the Cancer Registry update its analysis of leukemia cases in the area
- We continue working with Supervisor Correa's office and the community to gather information on all reported cases
- Requested that hospitals and physicians report any new childhood cancer cases as soon as possible after diagnosis

HCA Water Testing

- Reviewed information from the City of Santa Ana about drinking water quality
- HCA Environmental Health inspected water supply pipe system at Franklin and Kennedy schools. **No improper connections were found.**
- Sampled water at Franklin and Kennedy Elementary Schools for lead, copper, arsenic and nickel. **Testing of primary and secondary drinking water standards were met and are at safe levels.**
- City of Santa Ana sampled water distribution system near schools. **Testing showed primary and secondary drinking water standards were met and are at safe levels.**

HCA Lead Poisoning Prevention & Testing

- Exposure to lead is **not** known to cause cancer
- Because of community concerns, HCA increased their outreach efforts related to childhood lead poisoning
 - Lead poisoning prevention information, screening and testing offered at Madison Park Neighborhood Resource Fair (8/13)
 - Reminded Child Health and Disability Prevention (CHDP) providers of the requirement to screen and test all children for blood lead levels at appropriate ages
 - Lead poisoning prevention information, screening and testing to be offered at Dec 11th Holiday event at Prentice Park/Santa Ana Zoo

HCA Environmental Health Issues

- HCA Environmental Health (EH) has inspected the Franklin Elementary campus for evidence of chemical storage, disposal or use – **no problems were found.**
- EH has reviewed information on businesses in the area that generate hazardous waste, including any known hazardous waste releases – **other than one facility, no significant problems were reported in 2004-05.**

HCA Community Outreach and Coordination

- HCA has participated in Town Hall meetings and media briefings
- HCA organized two conference calls among agencies involved to ensure an exchange of information
- HCA supports and will collaborate with Cancer Surveillance Program Orange County (CSPOC) on the proposed study of childhood leukemia rates among Latinos in Southern California

How to Contact Orange County Health Care Agency

For more information, please contact:

Hildy Meyers, M.D., M.P.H.
Epidemiology & Assessment

(714) 834-8180

Health Referral Line

(800) 564-8448

**EPIDEMIOLOGY DIVISION,
DEPARTMENT OF MEDICINE
UNIVERSITY OF CALIFORNIA, IRVINE
CANCER SURVEILLANCE PROGRAM
OF ORANGE COUNTY (CSPOC)**

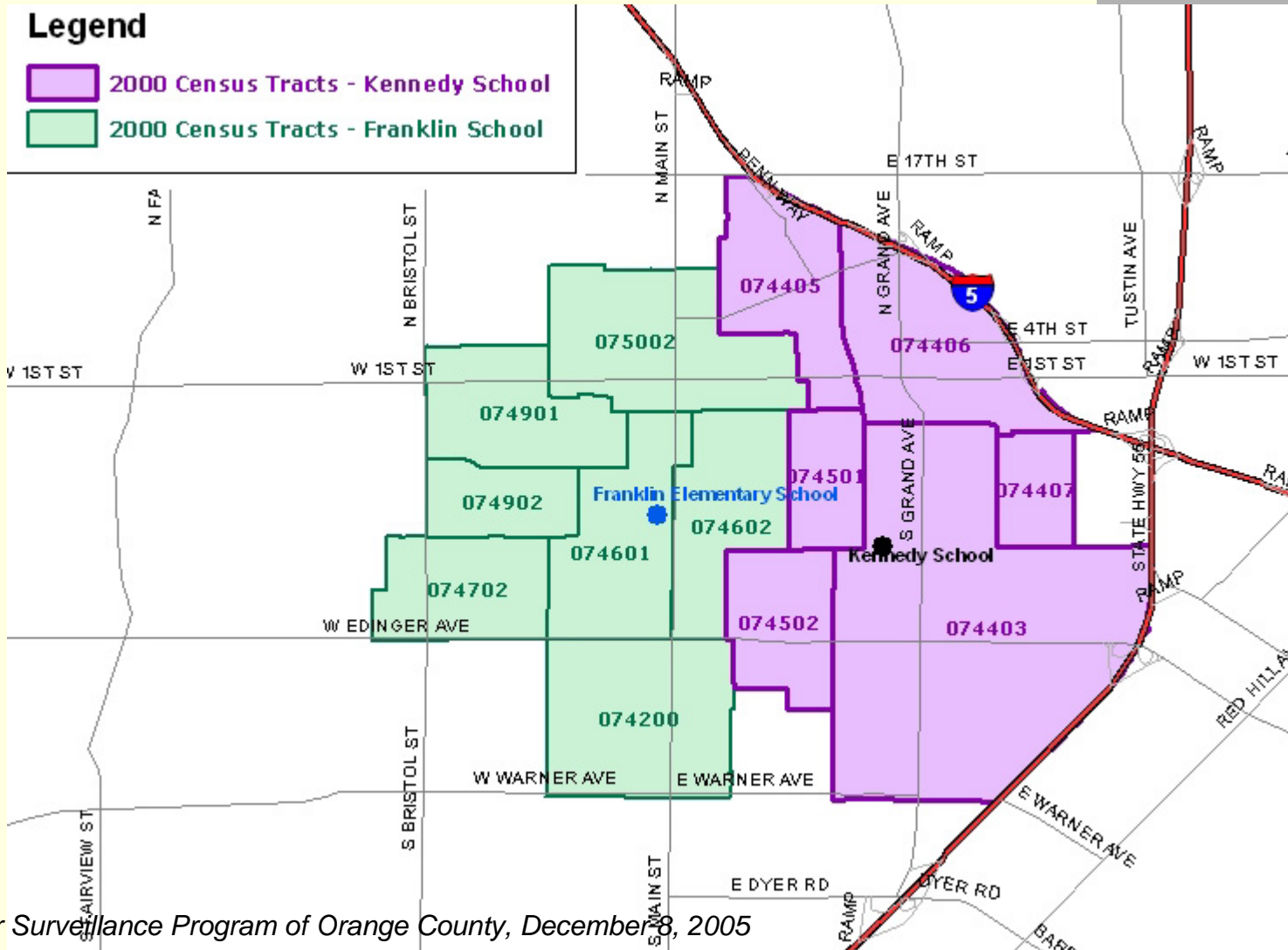
Deborah Bringman, MPH, CSPOC Director

Thomas H. Taylor, PhD, Statistician

Cancer Registry

- Cancer Registry gets information on all cancer cases in Orange County since 1988, by State law
- Cancer Registry checks the number of cases, comparing to population size
- Looked at two areas
 - Franklin School
 - Kennedy School

Areas Around Franklin and Kennedy Schools



Franklin Area

Acute Lymphocytic Leukemia

TIME PERIOD	AGE	CASES SEEN	CASES EXPECTED
1988-1992	0-14	2	1 to 12
	0-19	4	1 to 13
1993-1997	0-14	4	1 to 14
	0-19	4	1 to 15
1998-2002	0-14	6	1 to 15
	0-19	8	2 to 16

data as of 4/2005

Franklin Area

Leukemia of All Types

TIME PERIOD	AGE	CASES SEEN	CASES EXPECTED
1988-1992	0-14	2	1 to 13
	0-19	4	1 to 15
1993-1997	0-14	5	2 to 16
	0-19	6	2 to 17
1998-2002	0-14	8	2 to 17
	0-19	10	2 to 18

data as of 4/2005

Kennedy Area

Acute Lymphocytic Leukemia

TIME PERIOD	AGE	CASES SEEN	CASES EXPECTED
1988-1992	0-14	2	0 to 10
	0-19	2	0 to 10
1993-1997	0-14	1	0 to 11
	0-19	1	0 to 12
1998-2002	0-14	6	1 to 12
	0-19	6	1 to 13

data as of 4/2005

Kennedy Area

Leukemia of All Types

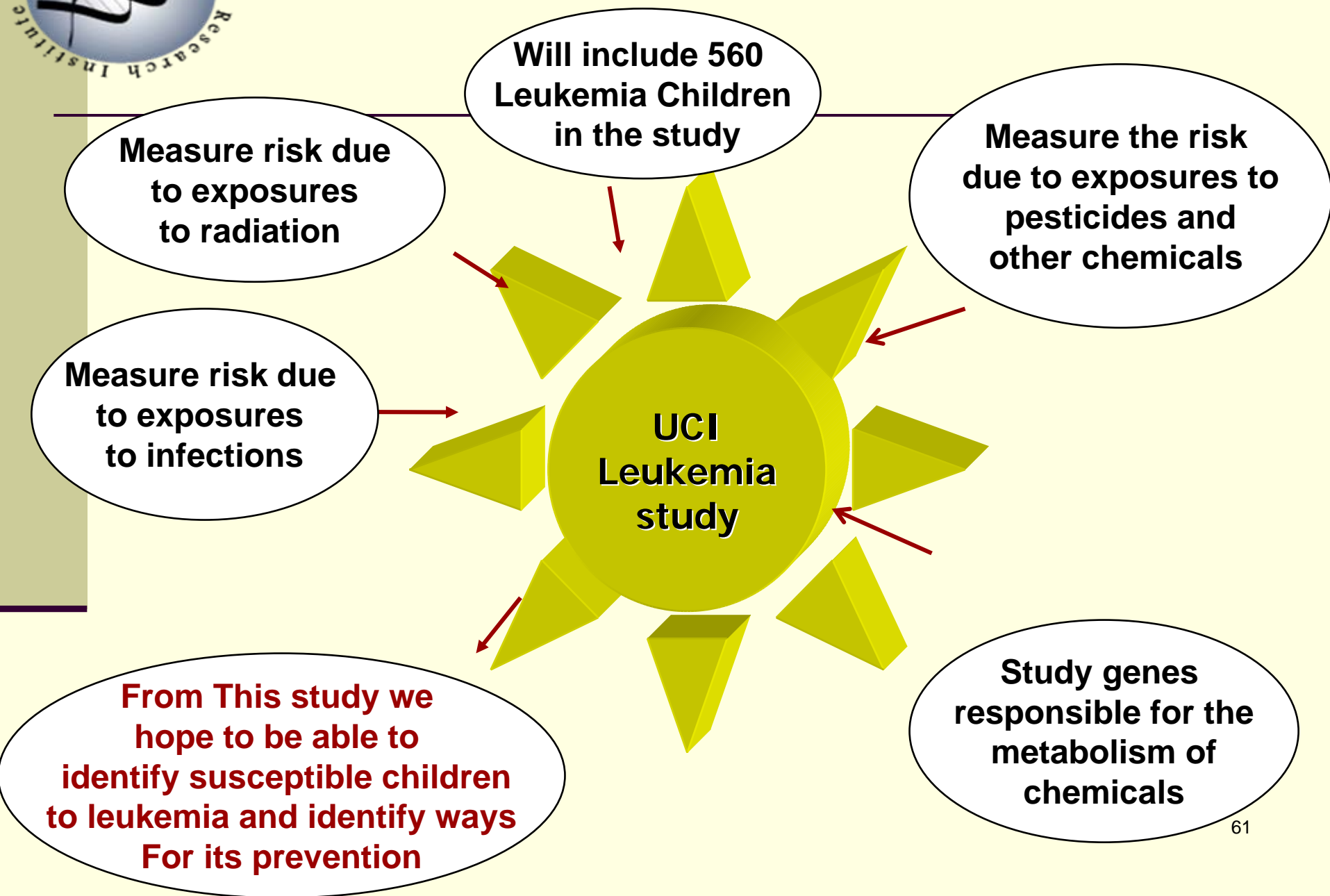
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1988-1992	0-14	2	0 to 11
	0-19	2	0 to 11
1993-1997	0-14	2	1 to 12
	0-19	2	1 to 13
1998-2002	0-14	6	1 to 13
	0-19	7	1 to 14

data as of 4/2005

Locations of Community Concerns about Childhood Leukemia
1989 - Present
San Diego County



Childhood ALL: A Genetic and Environment Study



Contact Information

- **South Coast Air Quality Management**
Jill Whynot - (909) 396-3104
- **City of Santa Ana, Code Enforcement Unit**
Estella Rodarte - (714) 667-2776
- **Forensic Analytical**
Samantha Chua - (310) 763-2374
- **Orange County Health Care Agency**
Dr. Hildy Meyers - (714) 834-8180
- **UCI Cancer Registry**
Dr. Thomas Taylor - (949) 824-6903